

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

2, 3, 14 and 15, canceled.

1. (Currently amended) An electrical generating system, comprising:
an electric motor coupled to a variable power source;
a variable coupling connected to an output shaft of the motor;
a switching mechanism for adjusting the variable coupling;
a gear assembly connected to the variable coupling; and
an electrical generator connected to the gear assembly;
wherein the variable coupling comprises opposed first and second plates each having permanent magnets affixed thereto, wherein the first plate is connected to the output shaft of the motor and includes radially positioned, spaced apart permanent magnets extending therefrom, and the second plate is in spaced relation to the first plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the first plate, wherein extension of the permanent magnets on at least one of the plates is adjustable, whereby the rotation of the first plate by the motor causes the second plate to rotate by repulsive magnetic force.

2. Canceled.

3. Canceled.

4. (Currently Amended) The system of claim 3 1, wherein the first plate comprises at least one solenoid for adjusting or disengaging the variable coupling.

5. (Original) The system of claim 1, wherein the gear assembly comprises a first gear rotatably connected to the variable coupling and rotatably engaged with a second gear of smaller diameter, the second gear being rotatably engaged with a third gear having a larger diameter than the second gear, the third gear operably connected with the electrical generator.

6. (Original) The system of claim 5, wherein the gear assembly has a high transmission ratio.

7. (Original) The system of claim 6, wherein the transmission ratio from the first gear to the third gear is at least 100 to 1.

8. (Original) The system of claim 5, wherein the gear assembly further comprises a fourth gear between the second and third gears which is connected to a fifth gear, the fifth gear being operatively connected to a second variable coupling connected to an external device.

9. (Original) The system of claim 8, wherein the second variable coupling comprises opposed third and fourth plates each having permanent magnets affixed thereto, wherein the extension of the magnets on one of the plates of the second variable coupling are adjustable.

10. (Original) The system of claim 9, wherein the third plate is connected to the fifth gear and includes radially positioned, spaced apart permanent magnets extending therefrom, and the fourth plate is in spaced relation to the third plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the third plate, wherein the extension of the permanent magnets on one of the plates of the second variable coupling is adjustable by at least one solenoid connector to the one of the plates of the second variable coupling, whereby the

rotation of the third plate by the motor causes the fourth plate to rotate by repulsive magnetic force.

11. (Original) The system of claim 9, wherein the external device includes a rotating blade.

12. (Original) The system of claim 1, wherein the electrical generator is electrically coupled to the motor.

13. (Currently amended) An electrical generating system, comprising:

an electric motor coupled to a variable power source;

a variable coupling connected to an output shaft of the motor;

a switching mechanism for adjusting the variable coupling;

a gear assembly connected to the magnetic coupling, the gear assembly having a high transmission ration and including a first gear rotatably connected to the variable coupling and rotatably engaging a second gear of smaller diameter, the second gear rotatably engaging a third gear having a larger diameter than the second gear; and

an electrical generator connected to the gear assembly through the third gear and electrically coupled to the motor;

wherein the variable coupling comprises opposed first and second plates each having permanent magnets affixed thereto, wherein the first plate is connected to the output shaft of the motor and includes radially positioned, spaced apart permanent magnets extending therefrom, and the second plate is in spaced relation to the first plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the first plate, wherein extension of the permanent magnets on at least one of the plates is adjustable, whereby the rotation of the first plate by the motor causes the second plate to rotate by repulsive magnetic force.

14. Canceled.

15. Canceled.

16. (Currently amended) The system of claim ~~45~~ 13, wherein the first plate comprises at least one solenoid for adjusting the variable coupling.

17. (Original) The system of claim 13, wherein the gear assembly further comprises a fourth gear between the second and third gears which is connected to a fifth gear, the fifth gear being operatively connected to a second variable coupling connected to an external device.

18. (Original) The system of claim 17, wherein the second variable coupling comprises opposed third and fourth plates each having permanent magnets affixed thereto, wherein the extension of the magnets on one of the plates of the second variable coupling are adjustable.

19. (Original) The system of claim 18, wherein the third plate is connected to the fifth gear and includes radially positioned, spaced apart permanent magnets extending therefrom, and the fourth plate is in spaced relation to the third plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the third plate, wherein extension of the permanent magnets on at least one of the plates of the second variable coupling is adjustable by at least one solenoid connected to the at least one of the plates of the second variable coupling, whereby the rotation of the third plate by the motor causes the fourth plate to rotate by repulsive magnetic force.

20. (Original) An electrical generating system, comprising:
an electric motor coupled to a variable power source;
a first variable coupling connected to an output shaft of the motor;

a switching mechanism for adjusting the first variable coupling, wherein the first variable coupling comprises opposed first and second plates each having permanent magnets affixed thereto, wherein the extension of the magnets on at least one of the plates of the first variable coupling are adjustable by at least one solenoid connected to the at least one plate of the first variable coupling;

a gear assembly having a high transmission ratio connected to the first variable coupling;

an electrical generator connected to the gear assembly and electrically coupled to the motor; and

an external device;

wherein the gear assembly comprises a first gear rotatably connected to the first variable coupling and rotatably engaged with a second gear of smaller diameter, the second gear being rotatably engaged with a third gear having a larger diameter than the second gear, the third gear operably connected with the electrical generator, a fourth gear between the second and third gears, the fourth gear connected to a fifth gear operatively connected to a second variable coupling connected to the external device;

wherein the first plate is connected to the output shaft of the motor and includes radially positioned, spaced apart permanent magnets extending therefrom, and the second plate is in spaced relation to the first plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the first plate, wherein extension of the permanent magnets on at least one of the plates of the first variable coupling is adjustable by the at least one solenoid connected to the at least one of the plates of the first variable coupling, whereby the rotation of the first plate by the motor causes the second plate to rotate by repulsive magnetic force;

wherein the second variable coupling comprises opposed third and fourth plates each having permanent magnets affixed thereto; wherein the extension of the magnets on one of the plates of the second variable coupling are adjustable, wherein the third plate is connected to the fifth gear and includes

radially positioned, spaced apart permanent magnets extending therefrom, and the fourth plate is in spaced relation to the third plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the third plate, wherein extension of the permanent magnets on the one of the plates of the second variable coupling is adjustable, by at least one solenoid connected to the one of the plates of the second variable coupling, whereby the rotation of the third plate by the motor causes the fourth plate to rotate by repulsive magnetic force.

21. (New) An electrical generating system, comprising:
an electric motor coupled to a variable power source;
a variable coupling connected to an output shaft of the motor;
a switching mechanism for adjusting the variable coupling;
a gear assembly connected to the variable coupling; and
an electrical generator connected to the gear assembly;

wherein the gear assembly comprises a first gear rotatably connected to the variable coupling and rotatably engaged with a second gear of smaller diameter, the second gear being rotatably engaged with a third gear having a larger diameter, the second gear being rotatably engaged with a third gear having a larger diameter than the second gear, the third gear operably connected with the electrical generator, and a fourth gear between the second and third gears which is connected to a fifth gear, the fifth gear being operatively connected to a second variable coupling connected to an external device.

22. (New) The system of claim 21, wherein the gear assembly has a high transmission ratio.

23. (New) The system of claim 22, wherein the transmission ratio from the first gear to the third gear is at least 100 to 1.

24. (New) The system of claim 21, wherein the second variable coupling comprises opposed third and fourth plates each having permanent magnets affixed thereto, wherein the extension of the magnets on one of the plates of the second variable coupling are adjustable.

25. (New) The system of claim 24, wherein the third plate is connected to the fifth gear and includes radially positioned, spaced apart permanent magnets extending therefrom, and the fourth plate is in spaced relation to the third plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the third plate, wherein the extension of the permanent magnets on one of the plates of the second variable coupling is adjustable by at least one solenoid connector to the one of the plates of the second variable coupling, whereby the rotation of the third plate by the motor causes the fourth plate to rotate by repulsive magnetic force.

26. (New) The system of claim 24, wherein the external device includes a rotating blade.

27. (New) The system of claim 21, wherein the electrical generator is electrically coupled to the motor.

28. (New) An electrical generating system, comprising:
an electric motor coupled to a variable power source;
a variable coupling connected to an output shaft of the motor;
a switching mechanism for adjusting the variable coupling;
a gear assembly connected to the magnetic coupling, the gear assembly having a high transmission ration and including a first gear rotatably connected to the variable coupling and rotatably engaging a second gear of smaller diameter, the second gear rotatably engaging a third gear having a larger diameter than the second gear, a fourth gear between the second and third gears

which is connected to a fifth gear, the fifth gear being operatively connected to a second variable coupling connected to an external device; and

an electrical generator connected to the gear assembly through the third gear and electrically coupled to the motor.

29. (New) The systems of claim 28, wherein the second variable coupling comprises opposed third and fourth plates each having permanent magnets affixed thereto, wherein the extension of the magnets on one of the plates of the second variable coupling are adjustable.

30. (New) The system of claim 29, wherein the third plate is connected to the fifth gear and includes radially positioned, spaced apart permanent magnets extending therefrom, and the fourth plate is in spaced relation to the third plate and includes radially positioned, spaced apart permanent magnets extending therefrom so as to extend between the permanent magnets of the third plate, wherein extension of the permanent magnets on at least one of the plates of the second variable coupling is adjustable by at least one solenoid connected to the at least one of the plates of the second variable coupling, whereby the rotation of the third plate by the motor causes the fourth plate to rotate by repulsive magnetic force.